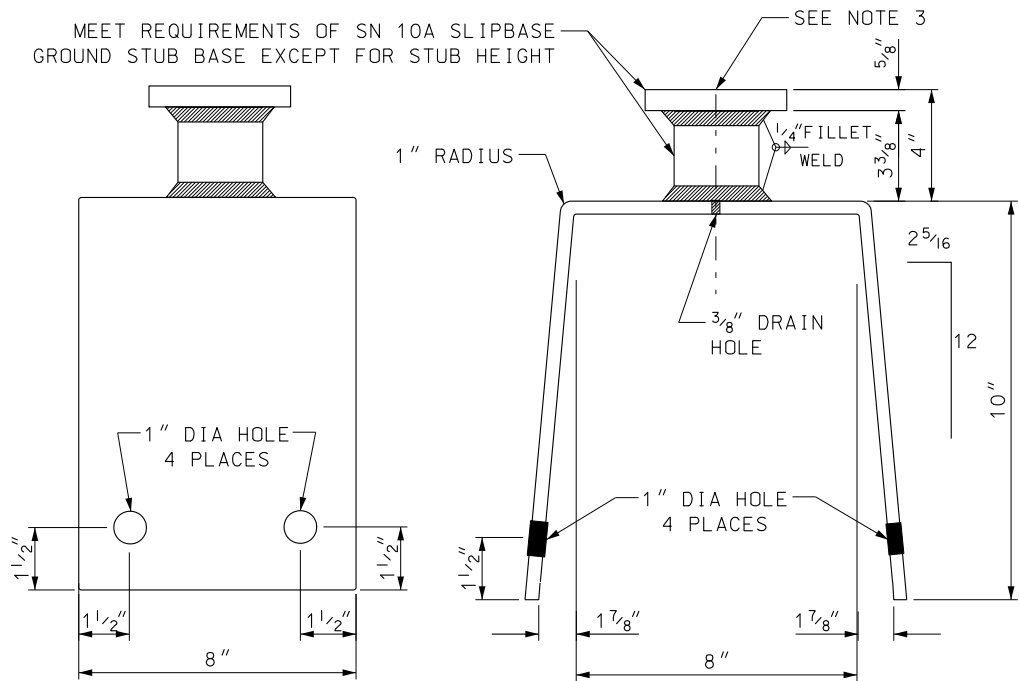


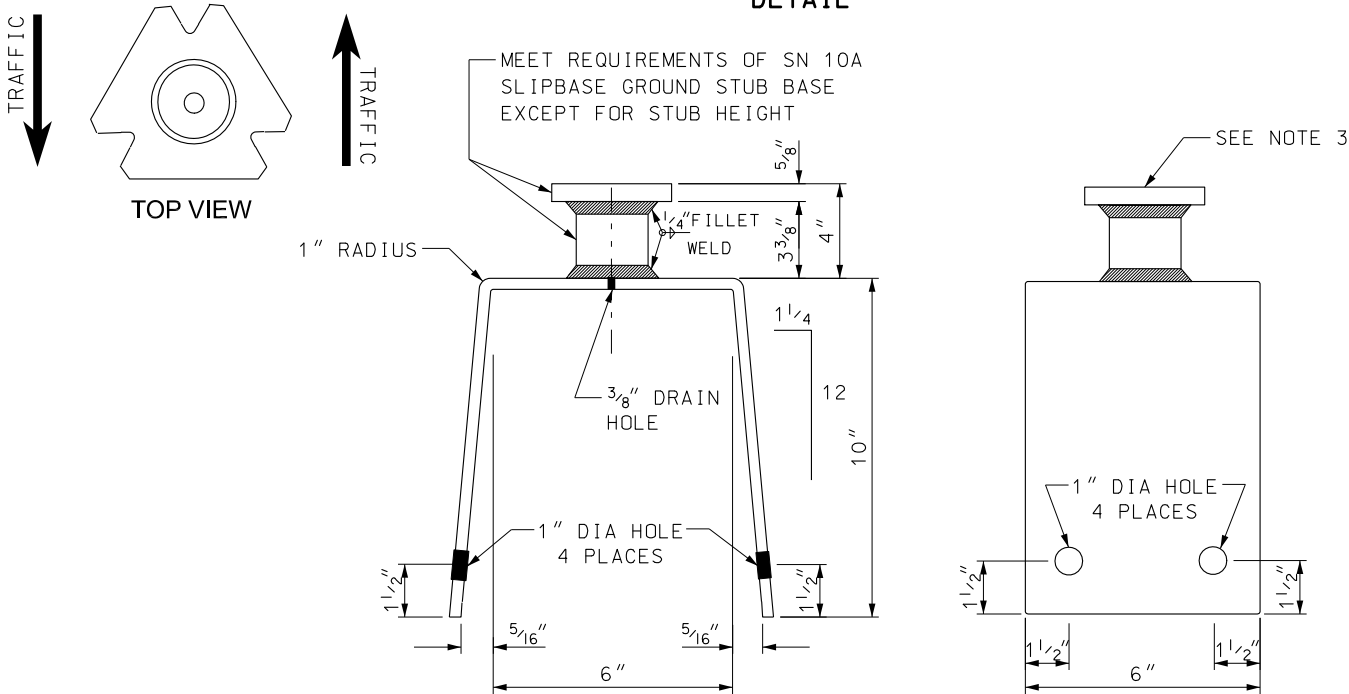
CONSTANT SLOPE BARRIER TOP MOUNT
SLIPBASE TUBULAR STEEL SIGN BASE (B5A)
FOR 2 7/8" POSTS (P3, P4 OR P5 POSTS)

CONSTANT SLOPE BARRIER PLATE
DETAIL



STANDARD SECTION (JERSEY SHAPE) BARRIER TOP MOUNT
SLIPBASE TUBULAR STEEL SIGN BASE (B5B)
FOR 2 7/8" POSTS (P3, P4 OR P5 POSTS)

STANDARD SECTION BARRIER PLATE
DETAIL

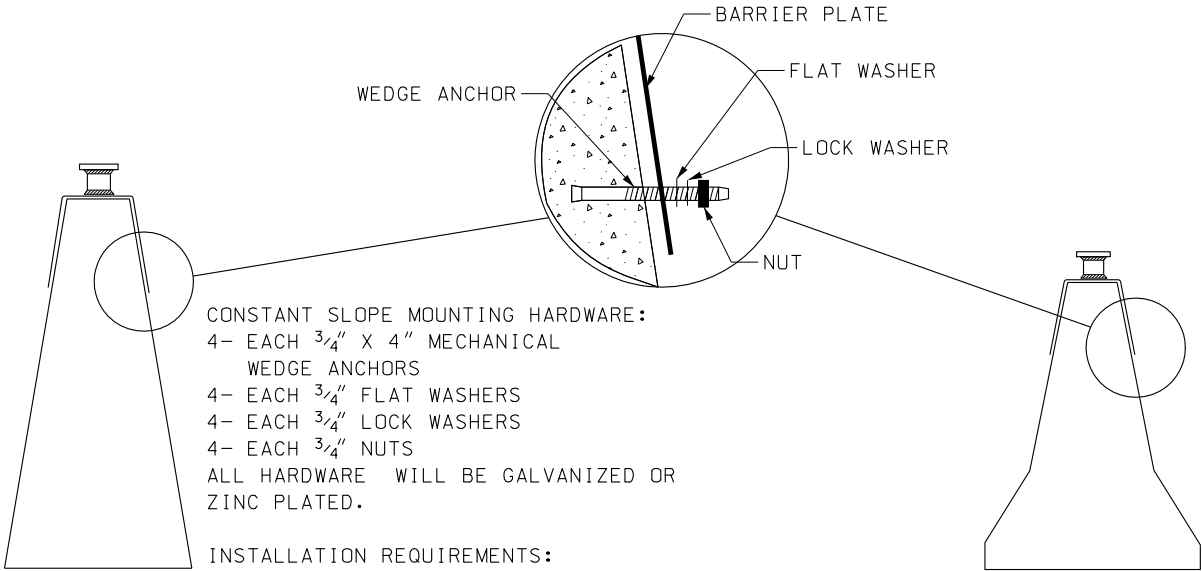


BARRIER PLATE FABRICATION REQUIREMENTS:

BASE PLATE: 3/8" ASTM A-36 PLATE STEEL BEND AS PER DETAIL
PIPE STUB: 3" NOMINAL SCHEDULE 40, ASTM A-53 GBR
TOP PLATE: MEET REQUIREMENTS OF SN 10A GROUND STUB TOP PLATE REQUIREMENTS
MEET ASTM A-123 GALVANIZING AFTER FABRICATION IS COMPLETED.

GENERAL NOTES:

1. REFER STD DWG SN 10A FOR POST SIZE REQUIREMENT.
2. REFER TO SN 10B FOR SIGN SIZE. USE A MAXIMUM 4 FOOT WIDE SIGN.
3. USE TOP CASTING SLB-2. REFER TO STD DWG SN 10A.
4. REFER TO STD DWG SN 13 SERIES FOR SIGN MOUNTING AND HARDWARE REQUIREMENTS.
5. REFER TO STD DWG SN 7B SIGN MOUNTING HEIGHT REQUIREMENT.



CONSTANT SLOPE MOUNTING HARDWARE:
4- EACH 3/4" X 4" MECHANICAL WEDGE ANCHORS
4- EACH 3/4" FLAT WASHERS
4- EACH 3/4" LOCK WASHERS
4- EACH 3/4" NUTS
ALL HARDWARE WILL BE GALVANIZED OR ZINC PLATED.

INSTALLATION REQUIREMENTS:
DRILL: 4- 3/4" HOLES 4 1/2" DEEP, CLEAN HOLE PRIOR TO INSTALLING ANCHORS

NO MORE THAN 1/2" OF THREAD TO BE EXPOSED OVER NUT. DO NOT CUT WEDGE ANCHOR BOLT.

STANDARD SECTION MOUNTING HARDWARE:
4- EACH 3/4" X 3 1/2" MECHANICAL WEDGE ANCHORS
4- EACH 3/4" FLAT WASHERS
4- EACH 3/4" LOCK WASHERS
4- EACH 3/4" NUTS
ALL HARDWARE WILL BE GALVANIZED OR ZINC PLATED.

INSTALLATION REQUIREMENTS:
DRILL: 4- 3/4" HOLES 4" DEEP, CLEAN HOLE PRIOR TO INSTALLING ANCHORS

NO MORE THAN 1/2" OF THREAD TO BE EXPOSED OVER NUT. DO NOT CUT WEDGE ANCHOR BOLT.

UTAH DEPARTMENT OF TRANSPORTATION		STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION		REVISIONS	
RECOMMENDED FOR APPROVAL		DATE		NO.	
CHAIRMAN STANDARDS COMMITTEE		DATE		DATE	
APPROVED		DATE		DATE	
DEPUTY DIRECTOR		DATE		DATE	
REMARKS		DATE		DATE	

BARRIER MOUNTED
TUBULAR STEEL
SIGN BASES
(B5A AND B5B)

STANDARD DRAWING TITLE

STD DWG
SN 12